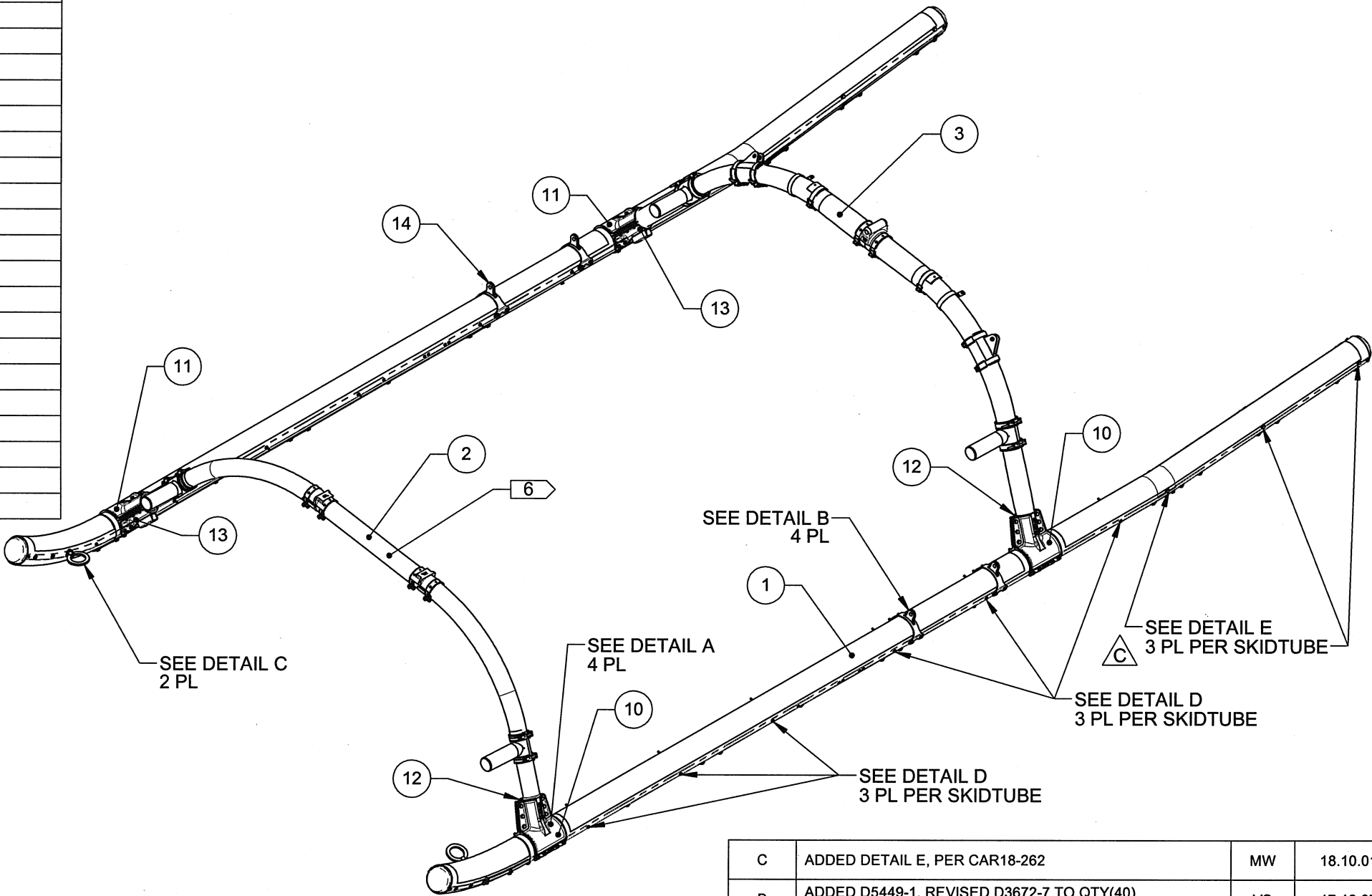


ITEM	QTY -033	P/N	DESCRIPTION
	X	D119-796-033	FLOAT GEAR WITH REINFORCED WEARPLATES
1	2	D119-646-143	FLOAT SKIDTUBE WITH REINFORCED WEARPLATES
2	1	D119-796-151	XTUBE ASSY (AW119 MKII FWD)
3	1	D119-796-251	XTUBE ASSY (AW119 MKII AFT)
4	48	D2652	BUSHING
5	2	D3407-041	TOW RING
6	4	D3417-5	WASHER
7	2	D3456-1	WASHER
8	48	D3672-3	PHENOLIC WASHER
9	40	D3672-7	PHENOLIC WASHER
10	2	D3883-1	SADDLE, OUTBOARD LH
11	2	D3883-2	SADDLE, OUTBOARD RH
12	2	D3884-1	SADDLE, INBOARD LH
13	2	D3884-2	SADDLE, INBOARD RH
14	4	D3886-041	LUG ASSEMBLY
15	4	D5449-1	FLOAT SADDLE WASHER
16	12	AN3C45A	BOLT
17	8	AN3C46A	BOLT
18	16	AN3C50A	BOLT
19	24	AN4C6A	BOLT
20	36	MS21043-3	NUT, SELF-LOCKING
21	26	MS21043-4	NUT, SELF-LOCKING
22	8	MS21043-5	NUT, SELF-LOCKING
23	8	MS21250-05048	BOLT
24	48	NAS1149C0332R	WASHER
25	48	NAS1149C0432R	WASHER
26	8	NAS1149C0532R	WASHER



D119-796-033 FLOAT GEAR WITH REINFORCED WEARPLATES

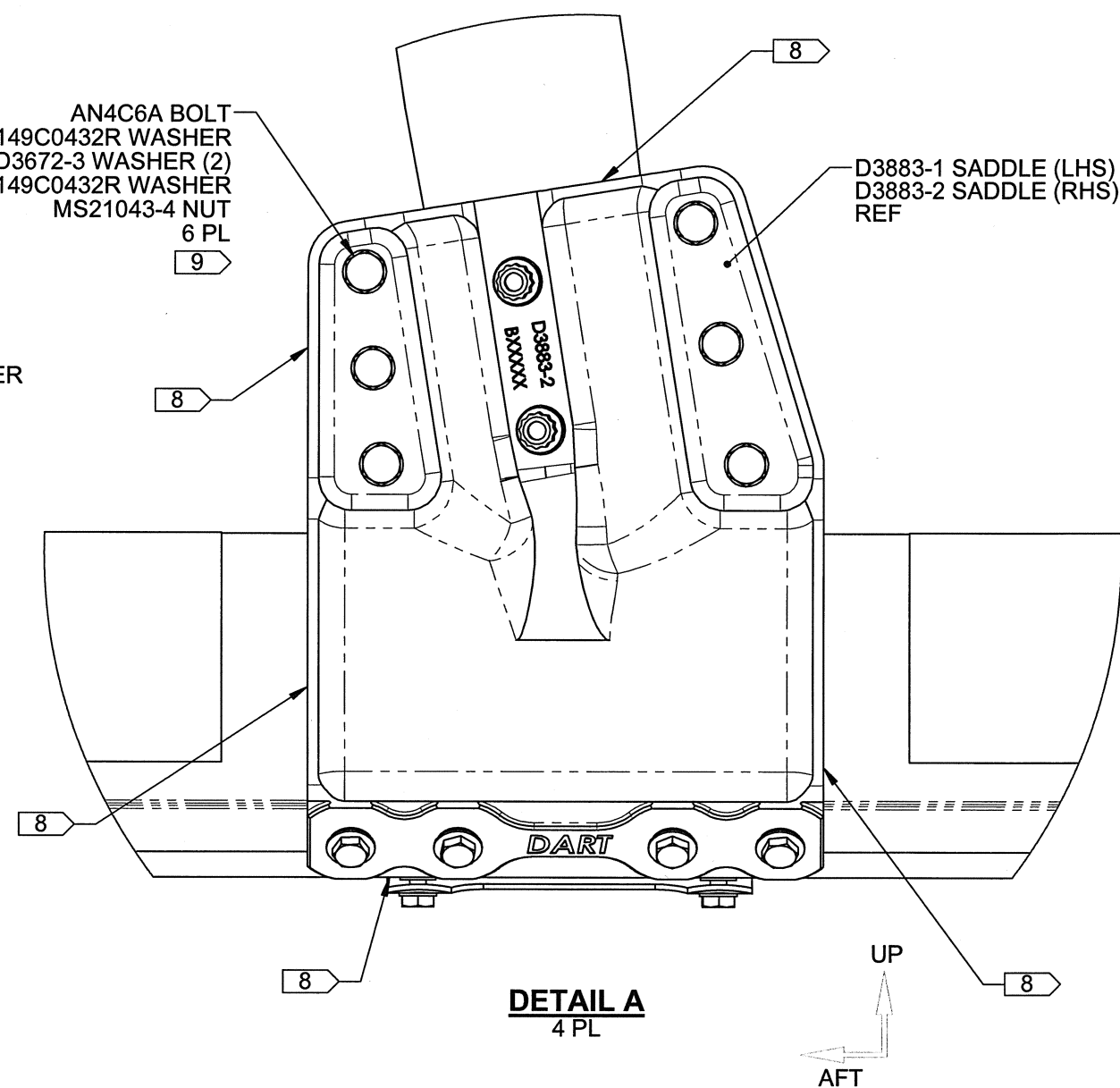
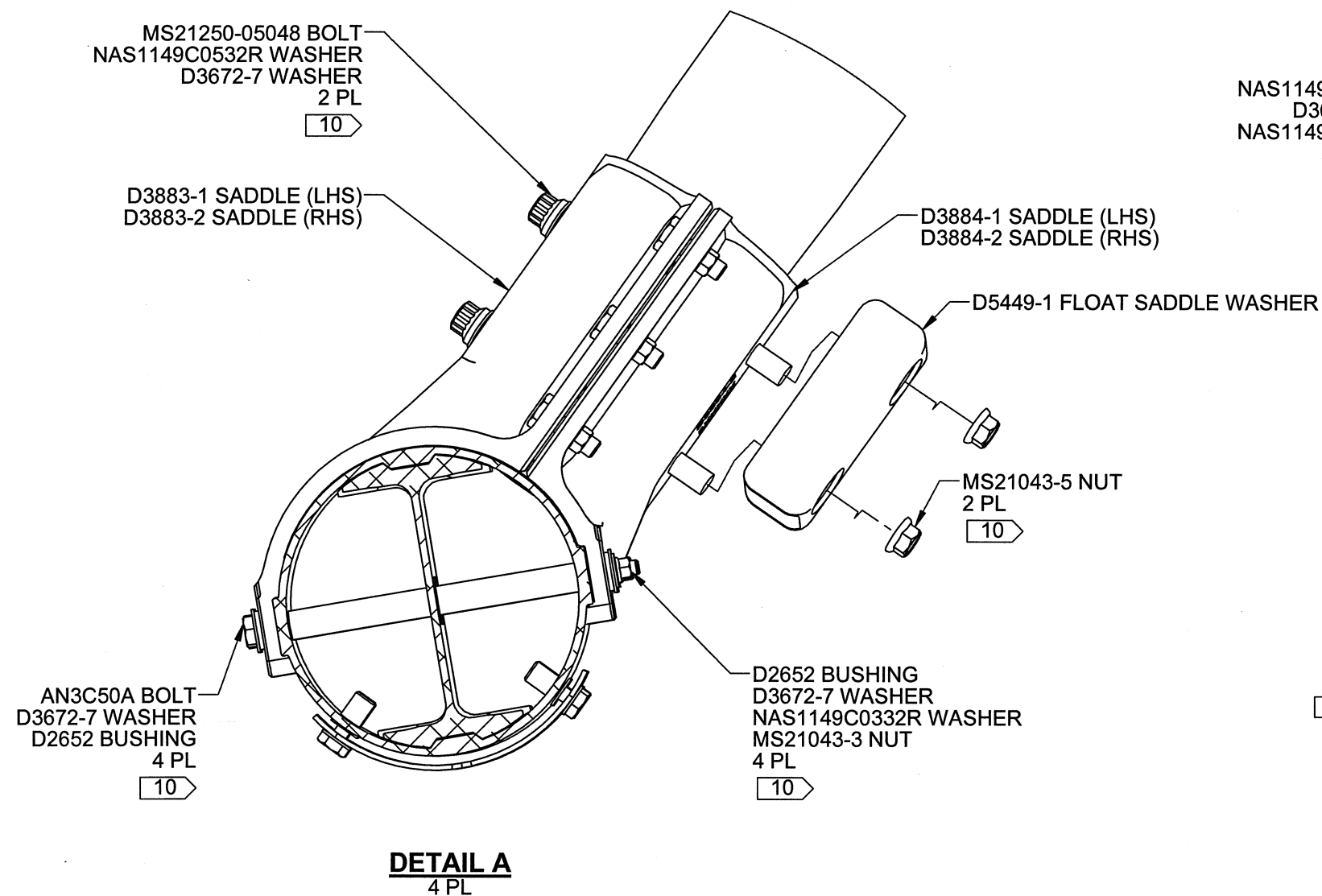
- NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: N/A
4) UNITS: N/A
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: INSTALL D2729-4 RED DECAL IN LOCATION SHOWN
7) WEIGHT: 150.3 LBS

RELEASED

2019 MAY 07
ECN 19-703

APPROVED

C	ADDED DETAIL E, PER CAR18-262	MW	18.10.01
B	ADDED D5449-1, REVISED D3672-7 TO QTY(40), NAS1149C0532R TO QTY(8), REF NCR17-6698	VS	17.12.07
A	NEW ISSUE	AP	15.04.01
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MW		
CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-033	SHEET 1 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	FLOAT GEAR WITH REINFORCED WEARPLATES	NTS
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NOTES:

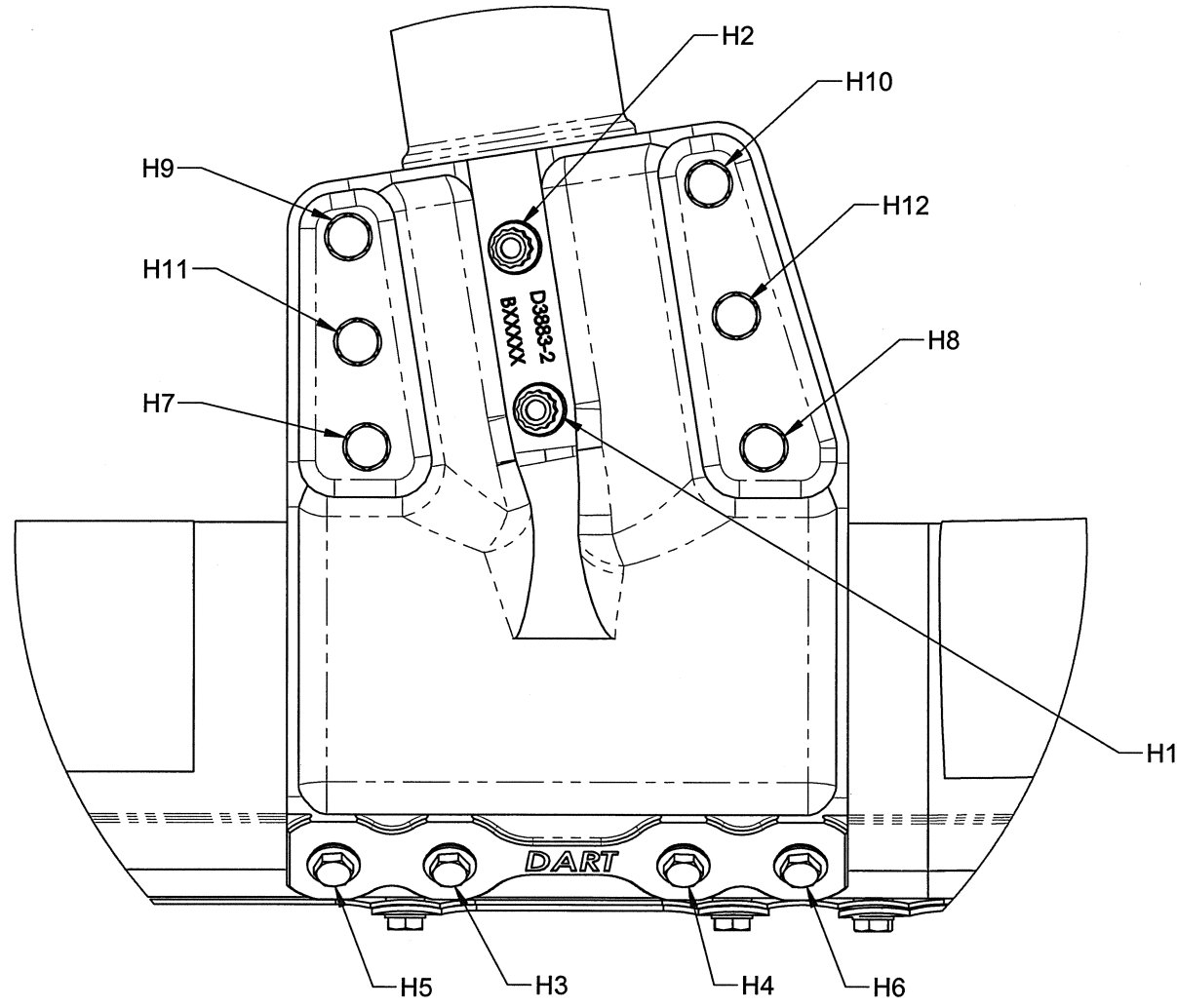
- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: N/A
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A
 - 8) APPLY A CONTINUOUS BEAD OF SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT IN THE LOCATIONS SHOWN INCLUDING THE FOLLOWING:
 - A) ALONG SADDLE/CROSSTUBE INTERFACE
 - B) BETWEEN THE SADDLE FLANGES
 - C) ALONG SADDLE/SKIDTUBE INTERFACE
 - 9) LIGHTLY TIGHTEN ALL BOLTS IN THE NUMERICAL ORDER SPECIFIED ON SHEET 3, THEN TIGHTEN TO SPEC
 - 10) INSTALL WET WITH SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT
 - 11) ALL NUTS TO BE INSTALLED ON THE INBOARD SIDE

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2019 MAY 07 *q*

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DESIGN	AP	DART AEROSPACE LTD	
DRAWN	MW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-033	SHEET 2 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP 	FLOAT GEAR WITH REINFORCED WEARPLATES	NTS
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DETAIL A- SUPPLEMENTAL VIEW - TORQUE SEQUENCE

TABLE 1: TORQUE SEQUENCE AND MAX TORQUE

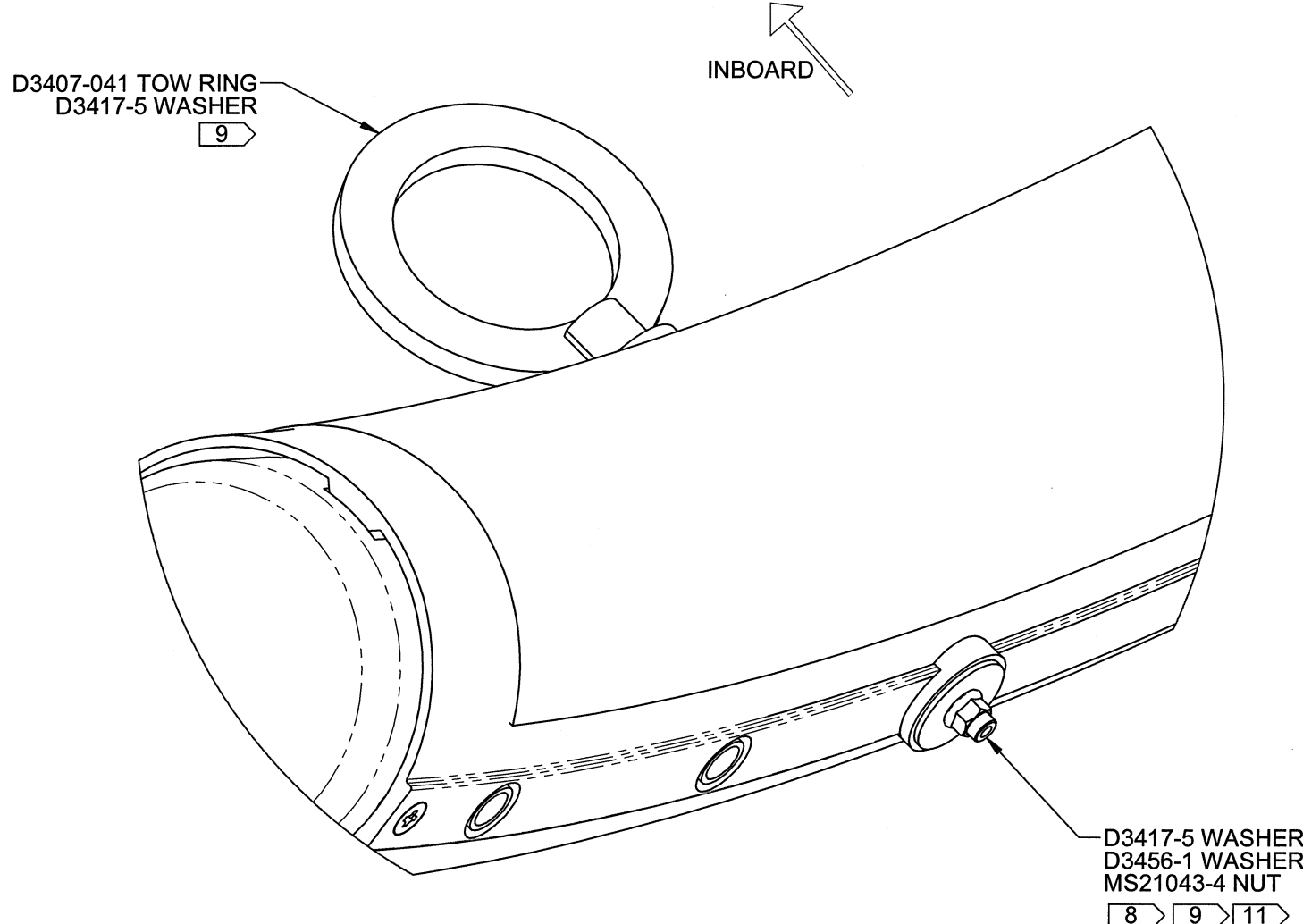
TORQUE SEQUENCE	PART NUMBER	TORQUE
H1	MS21250-05048	66-85 IN-LBS (7.3 - 9.6 n-m)
H2	MS21250-05048	66-85 IN-LBS (7.3 - 9.6 n-m)
H3	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H4	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H5	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H6	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H7	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H8	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H9	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H10	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H11	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H12	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)

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DESIGN	AP	DART AEROSPACE LTD	
DRAWN	MW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-033	SHEET 3 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP 	FLOAT GEAR WITH REINFORCED WEARPLATES	NTS
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D



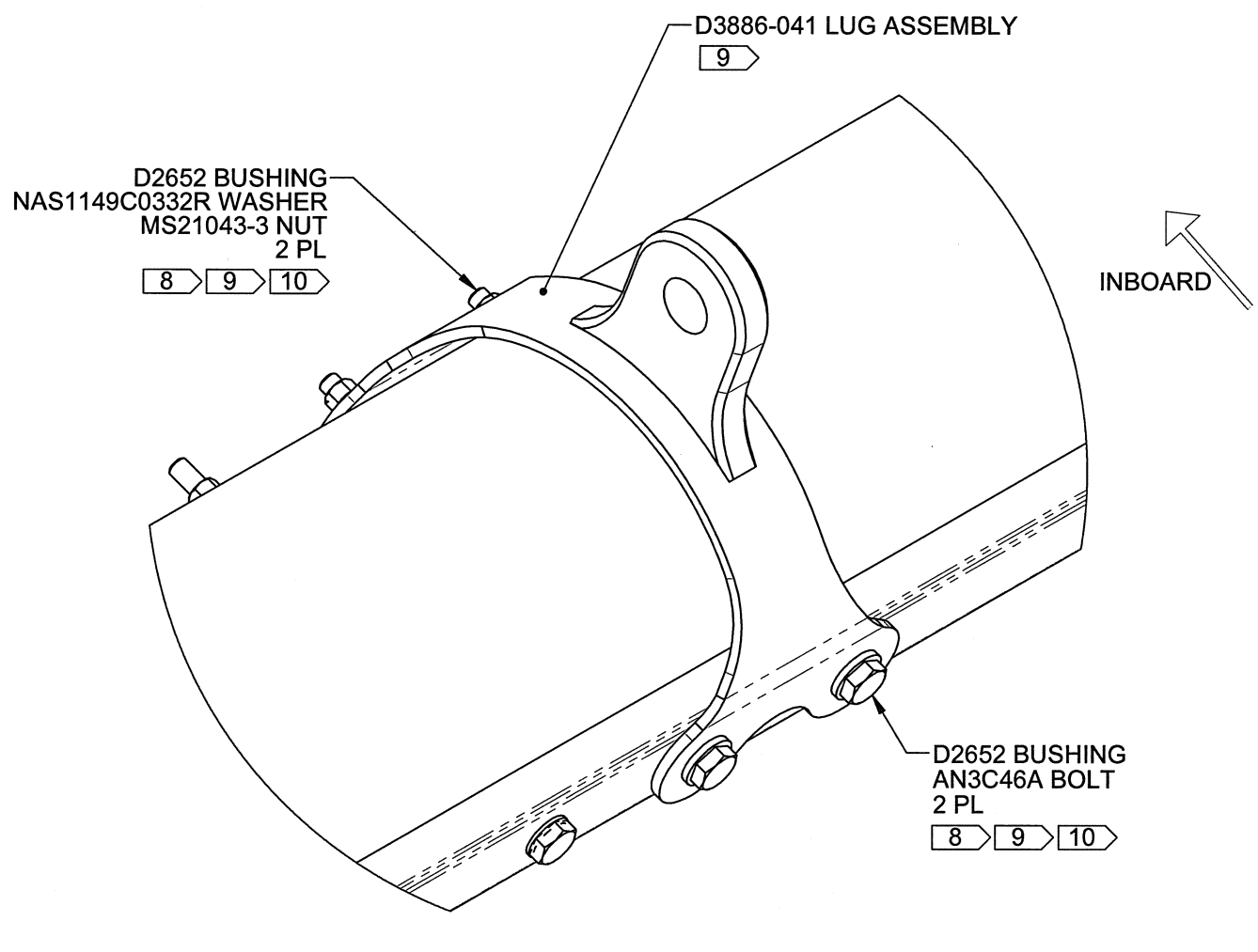
DETAIL C
2 PL

C

B

A

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: N/A
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A
 - 8) INSTALL WET WITH SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT
 - 9) APPLY FAY SEAL AND FILLET SEAL USING SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT
 - 10) TORQUE AN3 HARDWARE TO 20-25 IN-LBS
 - 11) TORQUE AN4 HARDWARE TO 50-70 IN-LBS



DETAIL B
4 PL

D

C

B

A

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2019 MAY 07

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DESIGN	AP	DART AEROSPACE LTD	
DRAWN	MW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-033	SHEET 4 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	FLOAT GEAR WITH REINFORCED WEARPLATES	NTS
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D

D

C

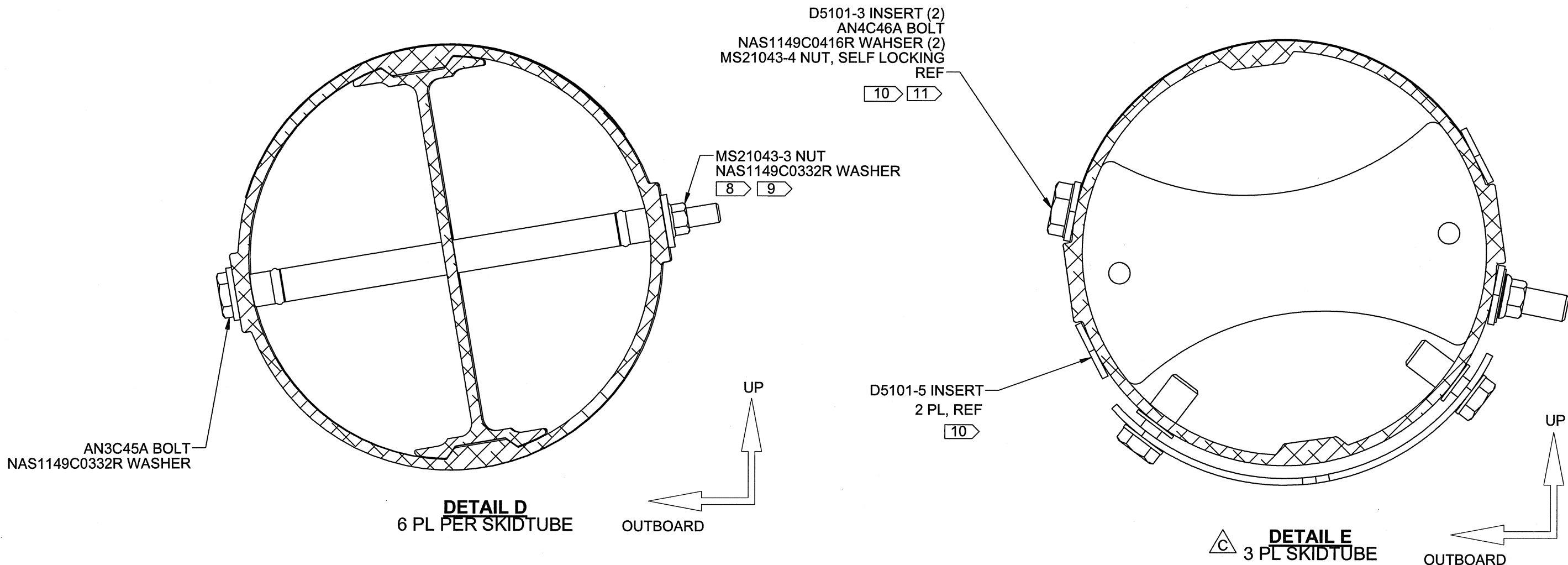
C

B

B

A

A




NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) LOOSELY INSTALL FASTENERS, DO NOT TORQUE
- 9) INSTALL MS21043-3 NUT ON INBOARD SIDE OF SKIDTUBE
- 10) PARTS INCLUDED IN D119-646-143, REORIENT AS SHOWN IF REQUIRED
- 11) INSTALL MS21043-4 NUT ON INBOARD SIDE OF SKIDTUBE AS SHOWN

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2019 MAY 07

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DESIGN	AP	DART AEROSPACE LTD	
DRAWN	MW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-033	SHEET 5 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP 	FLOAT GEAR WITH REINFORCED WEARPLATES	NTS
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